



Free Windows 7 available for most Mines students

Ian Littman
Assistant Business Manager,
Web Content

On September 15, Microsoft launched Win741.com, a site where college students can get a copy of Windows 7 (Home Premium or Professional) for just \$29.99. The offer makes Windows 7 available for download once the operating system launches to the public on October 22. However, Mines students in most departments can get Windows 7 Professional for free, along with a host of other Microsoft software, due to Mines's participation in the Microsoft Developer Network Academic Alliance (MSDNAA) program.

MSDNAA is a great alternative to paying hundreds of dollars for Microsoft products on one end of the spectrum or resorting to piracy for their products on the other. "[I]n the past we've been unable to properly service it because of the staff or the time," remarked Frank Robertson, the CCIT employee in charge of the bulk of Mines's MSDNAA program. "It's a much better system [now]."

Signing up for MSDNAA is the trickiest part of the process for getting software. The problem currently lies in what information CCIT has

at their disposal when authorizing users. "Microsoft's intention was for that to be your CWID or something. I don't have all those identifiers," Robertson said of the situation. "So I have chosen to just use their [ADIT multipass] login as their identifier." Unfortunately, since MSDNAA is, by definition, an outside entity, another identifying system had to be used in coordination with the multipass login.

"The way we populated this [access list], so that people don't have to put in a help desk request... is to take the list of users from ADIT. So if you're able to log into one of the participating departments' computer labs, your name is probably in this list," explained Robertson. If a student's department has a Windows-powered computer lab that requires a login separate from the main computer lab system, that login was put into the MSDNAA system.

"If you're not [able], or if you've never requested that, or if you're a math student in particular, it probably isn't in the list. So what we're

going to have to ask you to do... [is to] put in a help desk request and then I'll add you manually," Robertson explained. Fortunately, turnaround time is less than 24 hours for a manual addition of a student's username to the MSDNAA database via a help desk ticket. According to Robertson, between ten and fifteen percent of students will have to submit a help desk ticket

Once in the system, sign-up for MSDNAA and access to the Microsoft software portfolio is easy. A student's full @mines.edu e-mail address (not MyMail) is used as their login. After login, software can be selected and acquired in a matter of seconds, though downloads will take longer due to the large size of Microsoft's software. For best results on-campus, students should

on machines not owned by that student violates Microsoft's End User License Agreement (EULA). The Ultimate Steal and Win741 appear not to have such restrictions beyond the purchase of the products offered at each site, though the premise of both sites appears to be to combat student software piracy with low prices for legal software.

MSDN Academic Alliance is available for all Mines students via the above process for the following departments: Engineering, Geology and Geological Engineering, Mathematics and Computer Science, Metallurgical and Materials Engineering, and Mining Engineering. The Petroleum and Chemical Engineering departments manage their own MSDNAA site licenses, while the Physics department is aggressively pursuing Linux-based systems. "The departments pay for it so we really want students to take advantage of it," says Robertson of the program.

For more information and links to the MSDNAA site, see <http://inside.mines.edu/MSDNAA> (case sensitive). The Mines CCIT help desk site is available at <http://helpdesk.mines.edu>. For comments or questions on this article, visit our website at <http://oredigger.net>.

IMAGE SARA POST / OREDIGGER

"What we're working on is trying to pull the list of students out of Banner, and integrate this, so that not only can we be more efficient about having it right, but also each semester as things change we have some way to maintain this that doesn't take weeks."

under the current system, though CCIT is working to streamline the process further. "What we're working on is trying to pull the list of students out of Banner, and integrate this, so that not only can we be more efficient about having it right, but also each semester as things change we have some way to maintain this that doesn't take weeks," Robertson explained.

plug into the campus wired network when downloading anything from MSDNAA.

There is one rather important omission from the MSDNAA-accessible portfolio. "Unfortunately, Office is not offered [through MSDNAA]," Robertson notes. "That's their cash cow; they're not going to give that away." However, another student-focused Microsoft site, www.theultimatesteal.com, offers Office 2007 Ultimate for a relatively inexpensive \$59.95.

Additionally, while students can get additional keys for Windows 7 or other software via a quick help desk request, using software keys

Move over, brawn: Dr. Medina's Brain Child has arrived

Roby Brost
Staff Writer

"Let me start by saying, 'I don't think that brain science has anything to do with education or business.'" Speaking to a standing-room-only crowd in Friedhoff Hall this past Thursday night, Dr. Medina turned to leave. The assembly of educators, business owners, workers and students sat stunned for a moment, and then began to laugh.

As Dr. Medina, renowned developmental molecular biologist, researcher of the genetics of psychiatric disorders, research consultant and supporter of the cooperation between brain researchers and business and education, turned back to the podium to begin his discussion titled "Brain Rules," the audience was captivated. Despite the fact that researchers still don't know enough about the brain to understand "how a brain knows how to pick up a glass of water," Medina explained that the brain functions according to "Brain Rules." Of twelve rules- concerning exercise, survival, wiring, attention, short term memory, long term memory, sleep, stress, sensory integration, vision, gender, and exploration, Medina chose to expound upon two he felt would be most applicable to the gathered audience: exercise and stress.

The first rule, "Exercise boosts cognition against the effects of stress," is explained even more

succinctly as "Exercise boosts brain power." The simple fact is, the brains of those whom lead a sedentary lifestyle do not age as well as those who lead an active lifestyle. Using comical and engaging examples, Medina compared Mark Wallace to Keith Richards and reiterated that exercise boosts brain power.

Over and over again, Medina returned to the research that shows how the "brain follows physical rules of engagement." In fact, Medina argued, "it appears that the brain has been designed to solve problems in an unstable environment, while in near constant motion." In fact the brain is so disposed towards motion, that thirty minutes of cardiovascular exercise

"In fact, if you were to design a learning environment directly opposed to what the brain naturally does, you'd design a classroom."

three times a week for a minimum of four months can dramatically increase cognitive scores in areas like executive function and problem solving (like math).

Medina cited sources like the Turbington data that show the optimum time for learning is actually in the stage of cooling down from exercise. It is rare that brain researchers and business corporations and educators get together. "In fact," Medina explained, "if you

were to design a learning environment directly opposed to what the brain naturally does, you'd design a classroom." But Medina explored the exciting possibilities if that rare collaboration were to become more common and a tool towards optimum learning behaviors.

After an exciting intermission where the audience was asked to stand, wave their hands in the air and "look as ridiculous" as the distinguished molecular biologist, Medina began his explanation of the second so called "Brain Rule" of the night: stress.

Once again, the rule itself was straightforward and simply stated. "Stressed brains do not learn well. That's not an opinion. It's simply the way it works." The simplicity of the rule did not take away from the complexity of the topic, and Medina reflected that by the in depth treatment of the topic

through the division into three sectors: stress and learning, brain held behaviors, and "homes and parents and brains and other things that are none of our business."

Medina's molecular biology background really showed as he explained this second rule in a way that educators, business owners and engineering students

alike could understand; illuminating the complex relationship between BDNFs, glucocorticoids, and stress through easy to follow metaphors of heroes and villains. Medina further went on to explain that "the single most reliable predictor of academic success is the emotional stability of the home. It has nothing to do with academics." Medina proposed the stabilization of the home to lower stress in the brain, and improve academia, but acknowledges that this is "an idea with no basis in re-

ality," as it would be impossible to intervene in children's home lives.

The goal of an engaging two hour lecture concerning "Brain Rules" was to take strides in creating a partnership with future business, people that work in businesses and educators. Dr. Medina explores the fascinating possibility of the increased cognitive abilities if brain researchers and educators got together to implement what little that is known about the brain, how it works, and how it learns best.



TIM WEILERT / OREDIGGER

NEWS - 2

~WORLD HEADLINES
~SCIENTIFIC DISCOVERIES

FEATURES - 5

~DEPT PREVIEW
~WHAT'S YOUR BEEF

SPORTS - 9

~SAUR GIVEN RMAC HONOR
~PESEK HONORED BY AFCA

OPINION - 10

~PARKING SERVICES
~TIM'S 2 CENTS

SATIRE - 11

~RUMOR MILL
~LAIS SIT-IN

Scientific discoveries this week

Providence, Rhode Island: Researchers have found evidence of water molecules on the surface of the moon. The concentration of water on the moon's surface is not known, but it may be as high as 1,000 parts-per-million. The discovery may indicate that mobile water molecules migrate to the polar regions of the moon, where they are frozen in craters.

Berkeley, CA: Researchers at the Lawrence Berkeley National Laboratory have independently confirmed the existence of element 114. The initial discovery was reported ten years ago by the Dubna Gas Filled Recoil Separator group, but had not been confirmed until now. Element 114, temporarily named ununquadium, had been theorized to be a stable 'super-heavy' metal – one heavier than uranium with a relatively long half-life. Rather than half-lives of less than a second, which is common with most elements heavier than uranium, ununquadium may have a half-life of minutes or days.

Bristol, England: Paleontologists have found fossils of the oldest-known feathered-animal. *Anchiornis huxleyi*, the newly discovered dinosaur, is estimated to be between 1 and 11 million years older than the oldest known bird. Feathers covered each of the dinosaur's limbs, indicating that early fliers used 4 wings rather than 2. Feathers also covered the dinosaur's feet, indicating that it lived in trees.

Thailand: A new HIV vaccine has been shown to effectively reduce the infection of HIV in 16,000 clinical trial participants. The trial, which was sponsored by the Surgeon General of the U.S. Army, determined that the vaccine is safe and 31% effective in preventing HIV. Although the vaccine successfully prevented the spread of HIV, it did not reduce the amount of HIV cells in infected party's blood streams.

Jake Rezac, Content Manager

Oredigger Staff

Sara Post
Editor-in-Chief

Lily Giddings
Managing Editor

Abdullah Ahmed
Business Manager

Ryan Browne
Webmaster

Zach Boerner
Copy Editor

Robert Gill
Asst. Business Manager for Sales and Marketing

Ian Littman
Asst. Business Manager, Web Content

Mike Stone
Fool's Gold Content Manager

Tim Weilert
Content Manager

Jake Rezac
Content Manager

Spencer Nelson
Content Manager

Neelha Mudigonda
Content Manager

David Frossard
Faculty Advisor

Forrest Stewart
Faculty Advisor



ASSOCIATED COLLEGIATE PRESS

Headlines from around the world

Emily Trudell, Staff Writer

Eagle Scout Scott Mason, 17, was billed \$25,000 by the state of New Hampshire after he was found by state officials after a three-day rescue effort. Mason strayed from the trail while hiking, and by **New Hampshire state law**, is responsible for the costs of the rescue efforts used to find him.

An amateur treasure hunter using a metal detector in Staffordshire, England, discovered an unprecedented cache of **Anglo-Saxon gold**. The hoard is comprised of more than 1500 pieces, including at least 5 kilograms of gold and 2.5 kilograms of silver and jewels.

A trial on a newly developed vaccine involving over 16,000 participants in Thailand found that people who were given the vaccine were 31 percent less likely to contract **HIV**, compared with the participants who were given the placebo. Though this is a modest step towards finding a vaccine for the virus, researchers hope that this vaccine will pave the way for more effective vaccines.

Officials from the Houston, Texas Society for the Prevention of Cruelty to Animals seized **1,045 animals** from a property in the area. The animals included a variety of birds, exotic reptiles, farm animals, cats, and others. The owners of the property claim that they sell these animals at flea markets, and SPCA officers have said that the property is in deplorable conditions.

As national **unemployment** increased and ended the month

of August at 9.7%, new reports show that teenage unemployment is also at a record high at 26%.

Movie star **John Travolta** testified in criminal court about the death of his teenaged son Jett, who died a year ago after suffering a seizure while the family was on a vacation. The accused include a paramedic and a Bahamian senator who are accused of plotting to extort \$25 million from the actor.

After intensive studies in Southeast Asia, **163 new species** of plants, fish, reptiles, amphibians and mammals were found in the region. The WWF reports that climate changes and development in the region could potentially threaten these newly discovered species.

Roughly 50 people are dead in Indonesia from flooding caused by

Tropical Storm Ketsana. Over 41,205 people have sought refuge from the downpours, and nearly 4000 people required rescue by boat.

A **medical emergency helicopter** carrying three people crashed in Georgetown, South Carolina two hours after dropping off a patient at in Charleston. All three people aboard were killed, and the National Transportation Safety Board is investigating the crash. This crash occurred one day after the NTSB recommended that the Federal Aviation Administration require more training for medical helicopter pilots.

The funeral for **Annie Le**, the slain Yale student, was held Saturday. Her funeral was attended by over 600 of her family, friends and peers, including her fiancé, Jonathan Widawsky.



Local News

Najibullah Zazi, an Afghan born Coloradan, has been arrested and is being questioned regarding his alleged attempt to construct a bomb for use on the anniversary of 9/11 in New York.

Kristen Diane Parker, a surgery technician, has pled guilty to ten of the 42 charges against her in the case against her spread of the Hepatitis C virus. She is accused of tampering with medications given to patients and contaminating them.

Colorado School of Mines' Jesse Dennis has been named the 2009-10 Rocky Mountain Athletic Conference (RMAC) Pre-Season Men's Diver of the Year. Kevin Shaw was named to the Men's Swimming & Diving Pre-Season All-Conference team.

CSM men's cross country team is ranked at seventh in USTFCCCA Division II National Rankings.

CSM women's soccer team defeated Mesa State by a score of 3-0 on Sunday afternoon at the CSM Soccer Stadium to sweep the regular-season series against the Mavericks.

CSM men's soccer team posted a 3-0 shutout victory over UC-Colorado Springs on Sunday

Students, alumni, faculty develop leadership skills

Spencer Nelson
Content Manager

Packing into the Student Center Ballrooms, Mines students and alumni came bright and early to sacrifice their beautiful Saturday to attend the Second Annual Leadership Summit. The day-long conference was designed to build into students the necessary leadership skills needed in the engineering world. Through several presentations and breakout sessions, students were encouraged to take charge and actually do something.

First, keynote speaker Dr. Calvin Mackie spoke very directly to the crowd. "Hurricane Katrina was the worst engineering disaster in American history, second worst in the world behind Chernobyl," exclaimed Mackie, a New Orleans resident. "The area effected by Hurricane Katrina was the size of Great Britain." After detailing the devastation of Hurricane Katrina, Mackie explained why it was relevant: an extraordinary incompetency of the leaders on all levels. This disheartening account was then mixed in with the story of how he went from being a poorly educated, injured high school basketball player who's SAT score in the low 800's had him going nowhere to

Mackie pleaded with students to aspire to more and to be great leaders.

turning down \$50,000 and the job of a lifetime to continue his education with a doctorate in hydrodynamic stability from Georgia Tech. All these things led to where he is today, being part of the Louisiana Recovery Authority and the chair of the Louisiana Council of the Social Statue of Black Boys and Black Men, on top of numerous accomplishments.

As vital as the technical background is, Mackie pleaded with students to aspire to more and to be great leaders. Students need to take charge and be dream makers. Mackie's infectious passion inspired students to find what they are passionate about. Once this passion is established, Mackie wants them to pursue it and make a difference. His challenge to the students was, "If I

can do all this, just imagine what you smart people can do."

Following Mackie, President Scoggins gave his 10 qualities of a leader, such as integrity and being a good communicator and being decisive. These 10 qualities then tied into his 10 qualities of the Global Engineer, a vision held for what Mines engineers should look like after leaving.

Merging in, a panel discussion took place where President

Scoggins and Dr. Mackie were joined by Alan Harrison, the Vice President of the Denver Region for Williams, and Tammy Berberick, the president of the corporate consulting firm, Focus on Execution. The discussion focused on several aspects of leading, ranging from some of their greatest failures as leaders to the impact their parents had on them.

After lunch, three rounds of breakout sessions were offered with topics such as "Time Management-Tips for Success," "Starting with the Face in the Mirror," and "Leadership is Calling: Are You Listening?" These sessions, lead mostly by faculty from Mines and leaders in the corporate sponsors, were designed to address specific topics that may challenge students with their current organizations and eventually in their careers as engineers.

The Summit concluded with a goal setting session, led by Serena Stickney of the CSM Alumni Association and Co-Chair of the Leadership Summit. The attendees were encouraged to fill out a form that clearly laid out personal goals that should be done in a specified period of time

In all, the Second Annual Leadership Summit did not give students the "magic pill" of being leaders, as one of the breakout session speakers termed. However, it certainly laid out a clear direction for students to become leaders in industry and to make a difference in the world.

Author spreads hope at Red Rocks

Tim Weilert
Content Manager

There is an old Balti proverb along these lines: "The first time you share tea with a Balti, you are a stranger. The second time you take tea, you are an honored guest. The third time you share a cup of tea, you become family..."

Greg Mortenson, author of the *New York Times* bestseller *Three Cups of Tea*, is a man on a mission. Through his humanitarian organizations Pennies for Peace and its parent organization the Central Asia Institute, Mortenson has managed to garner international support and was nominated for a Nobel Peace Prize earlier this year.

With the intention of inspiring Coloradoans to humanitarian causes, Mortenson & Co. gave a presentation at Red Rocks called "Journey of Hope." The night played out with a variety of presentations and songs. Among the presenters were several young people (ranging in age from 12 to 24 years old) who started their own causes.

A few video clips were peppered throughout the evening's events, including a statement from Colorado US Senator Mark Udall and an interview with newscaster Tom Brokaw. These stories did not fall flat on the crowd, but instead began to inspire the spectators toward greater actions.

The night's events culminated in a brief presentation from Mortenson himself. Along with some assistance from his children, Mortenson detailed how he began his work and his current goals. "First I had to sell my car, my home, then my climbing gear, and my books," said Mortenson, "and after a year I had only raised \$3,000 of the \$12,000 I needed to build a school." He then described how a fourth-grade student helped him by collecting 62,000 pennies. It was experiences like these that inspired Mortenson to begin Pennies for Peace.

"If we wanted to, we could eradicate global illiteracy within the next 15 years. It sounds like a lot of money, but it would only cost \$6 billion a year for 15 years, only about \$5 a month per child." He proposed that there are enough pennies in the

US alone to achieve this goal.

Mortenson's overarching goal relates to building schools for girls in the Middle-East and central Asia. Why girls? According to an African proverb quoted by Mortenson, "When you educate a boy, you educate an individual. When you educate a girl, you educate a community." He believes that the greatest fear in some of the war torn parts of the world is not the bullet, but the pen.

"Educating girls, at least to a fifth grade level, does three important things. Number one: it reduces infant mortality. Second, it also reduces the population explosion. Finally, when a girl learns how to read and write, she teaches her mother how to read and write." There were several other reasons and stories that Mortenson shared, however there is not room for all of those in this article.

"The good news is there are some really good things happening in Afghanistan. In 2000, there were 800,000 in school in that country, mostly boys during the height of the Taliban. Today, nine years later, there are 8.4 million children in school in Afghanistan, including 2.5 million females. It has been the greatest increase in school enrollment in any country in modern history. Unfortunately, nobody in the US is aware of it."

Perhaps one of the most interesting revelations from the presentation was the statement that Mortenson believes that American military leaders truly grasp the ideas he proposed in *Three Cups of Tea*. Unlike members of the State Department, people such as General Petraeus have been in the region long enough to actually built relationships with the people of Afghanistan and central Asia.

Overall, the presentation was more than a collection of stories. It was a demonstration of what life can look like in extreme circumstances. Not extreme like skydiving or snowboarding, but extreme in regard to vision and humanity. These messages struck a chord for the people huddled beneath sandstone monoliths at Red Rocks. Perhaps, as engineers, we could learn a lesson in civics from people such as Greg Mortenson.



TIM WEILERT / OREDIGGER

Solving by saving Conservation allows algorithmic solution of PDEs

Jake Rezac
Content Manager

Mines math professor Dr. Willy Hereman described a new algorithm he and his colleagues have created for finding conservation laws of nonlinear partial differential equations (PDEs) to an audience of Mines faculty and students at last Friday's Math and Computer Science colloquium.

Hereman began his lecture, titled Symbolic Computation of Conservation Laws of Nonlinear Partial Differential Equations, by discussing the concept of conservation laws.

"A conservation law is basically a constraint which tells you how a change in time relates to a change in [space]," Hereman explained. "If you were to look at cars on a highway... you could measure [the density of cars]. The change in density is nothing more than the amount of cars between point a and point b... and this depends on the inflow at point a with the outflow at point b." A conservation law, Hereman explained, can model this flow of traffic.

The most famous conservation laws are the laws of conservation of mass, energy, and

momentum, which can be derived from the Euler equations of compressible, non-viscous fluids. However, for certain PDEs, infinite amounts of conservation laws can be found. Some, Hereman explained, are physically meaningful, while others are simply helpful for doing mathematics.

"Say you man have a physical model... [but] you don't know what is conserved," Hereman explained. Finding conservation laws would be helpful in this case. Hereman added, "You may use these in numerical integration of these PDEs... [or] as a precursor for testing [if a PDE is solvable]."

Conservation laws come in two parts: densities and fluxes. The problem in computing conservation laws algorithmically is that these two parts depend on each other and cannot be found with traditional solution techniques. A breakthrough by

"The key in mathematics is to pretend you know the answer."

"For certain PDEs, infinite amounts of conservation laws can be found."

Hereman and his fellow researchers solved this problem. "It's a chicken and egg situation," Hereman explained, "so I'm going to use the oldest trick in the book;

The key in mathematics is to pretend you know the answer. So I'm going to pretend I know the density. This is similar to what we do in the ODEs class, where we assume we know the form of the solution."

By assuming the form of densities, and relying on a property of many nonlinear PDEs called scaling invariance, an algorithm was created by Hereman and his colleagues to find conservation laws. Once this was done, an algorithmic way to integrate any integrable function was needed. A operator from the field of algebraic topology, the homotopy operator, was used for this task.

"I still need to integrate by parts repeatedly," Hereman explained, "and I don't want to do this by hand. I need something systematic to do this, and that's the homotopy operator: it does integration by parts. Thus, there is an algorithmic way to compute fluxes and densities."

Hereman ended his talk by demonstrating a Mathematica implementation of the algorithm, built mostly by Mines adjunct professor Doug Poole. The program easily and quickly found conservation laws for many nonlinear PDEs.

Campus security and safety report

Courtesy CSM Public Safety

The Colorado School of Mines Department of Public Safety recently published a campus security and safety report. Students can find the complete version at <http://publicsafety.mines.edu/PS-Campus-Safety>.

The following definitions are crimes that Federal Law requires institutions to report:

Arson: Any willful or malicious burning or attempt to burn, with or without intent to defraud, a dwelling house, public building, motor vehicle or aircraft, personal property of another, etc.

Criminal Homicide- Manslaughter by Negligence: The killing of another person through gross negligence.

Criminal Homicide-Murder and Non-negligent Manslaughter: The willful (nonnegligent) killing of one human being by another.

Robbery: The taking or attempting to take anything of value from the care, custody, or control of a person or persons by force or threat of force or violence and/or by putting the victim in fear.

Aggravated Assault: An unlawful attack by one person upon another for the purpose of inflicting severe or aggravated bodily injury. This type of assault usually is accompanied by the use of a weapon or by means likely to produce death or great bodily harm. (It is not necessary that injury result from an aggravated assault when a gun, knife, or other weapon is used which could and probably would result in serious personal injury if the crime were successfully completed.)

Burglary: The unlawful entry of a structure to commit a felony or a theft. For reporting purposes this definition includes: unlawful entry with intent to commit a larceny or felony; breaking and entering with intent to commit a larceny; house-breaking; safecracking; and all attempts to commit any of the aforementioned.

Sex Offenses-Forcible: Any sexual act directed against another person, forcibly and/or against that person's will; or not forcibly or against the person's will where the victim is incapable of giving consent.

Weapon Law Violations: The violation of laws or ordinances dealing with weapon offenses, regulatory in nature, such as: manufacture, sale, or possession of deadly weapons; carrying deadly weapons, concealed or openly; furnishing deadly weapons to minors; aliens possessing deadly weapons; and all attempts to commit any of the aforementioned.

Drug Abuse Violations: Violations of State and local laws relating to the unlawful possession, sale, use, growing, manufacturing, and making of narcotic drugs. The relevant substances include: opium or cocaine and their derivatives (morphine, heroin, codeine); marijuana; synthetic narcotics (Demerol, methadone); and dangerous nonnarcotic drugs (barbiturates, Benzadrine).

Liquor Law Violations: The violation of laws or ordinances prohibiting: the manufacture, sale, transporting, furnishing, possessing of intoxicating liquor; maintaining unlawful drinking places; bootlegging; operating a still; furnishing liquor to a minor or intemperate person; using a vehicle for illegal transportation of liquor; drinking on a train or pub-

lic conveyance; and all attempts to commit any of the aforementioned. (Drunkenness and driving under the influence are not included in this definition.)

Hate Crimes: Of the crimes described above, and any other crime involving bodily injury to any person, or for larceny-theft, simple assault, intimidation, or destruction,

damage, or vandalism of property in which the victim is intentionally selected because of the actual or perceived race, gender, religion, sexual orientation, ethnicity or dis-

ability of the victim that are reported to campus security authorities or local police agency, the data shall be collected and reported according to category of prejudice.

Offense Type	Year	On Campus	Residential Facilities	Non-Campus Buildings and Property	Public Property	Total
Sex-Assault Forcible	2006	4	4	0	2	6
	2007	0	0	0	0	0
	2008	0	0	0	0	0
Aggravated Assault	2006	0	0	0	0	0
	2007	1	0	0	0	1
	2008	1	0	0	1	1
Burglary	2006	10	4	0	6	10
	2007	6	4	0	0	6
	2008	6	2	0	0	6
Motor Vehicle Theft	2006	0	0	0	0	0
	2007	0	0	0	0	0
	2008	1	0	0	0	1
Arson	2006	1	1	0	0	1
	2007	1	0	0	0	1
	2008	1	1	0	0	1

Offense Type	Year	On Campus	Residential Facilities	Non-Campus Buildings and Property	Public Property	Total
Arrest						
Liquor Law Violations	2006	2	0	1	1	2
	2007	9	9	0	0	9
	2008	24	16	0	8	24
Drug Abuse Violations	2006	6	5	0	1	6
	2007	1	1	0	0	1
	2008	4	3	0	1	4
Weapons Violation	2006	0	0	0	0	0
	2007	0	0	0	0	0
	2008	1	0	0	1	1

Judicial Referral						
Liquor Law Violations	2006	0	0	0	0	0
	2007	4	4	0	0	4
	2008	3	1	0	1	3
Drug Abuse Violations	2006	0	0	0	0	0
	2007	0	0	0	0	0
	2008	0	0	0	0	0
Weapons Violation	2006	0	0	0	0	0
	2007	0	0	0	0	0
	2008	0	0	0	0	0

Hate Crimes						
	Year	Race	Gender	Religion	Sexual Orientation	Disability
Hate Crimes	2006	0	4	0	0	0
	2007	0	0	0	0	0
	2008	0	0	1	0	0

Speculation offers gain and risk

Nick Libertini
Staff writer

Speculation is usually not a word associated with high-quality investing principles. However, practicing disciplined speculation with a portion of your investments can significantly reduce the amount you need to save for retirement. Most people will need to save roughly \$2 million over the next 35 years to retire comfortably. That is a lot of dough! However, a small increase in your annual rate of return (ROR) can go a long way.

Many investment analysts will tell you that an annual ROR of 7-8% is very respectable. At an 8% ROR, you will have to save roughly \$11,000 every year for 35 years to amass \$2 million (adjusted for inflation). However, if you can increase your ROR by just 2%, you will only have to save \$5,727 annually.

Unfortunately, increasing your annual ROR by 2% is not a straightforward task. There are a multitude of risks associated with pursuing a higher ROR on your investments, especially when you take into account the volatility of the equity markets.

This is where disciplined speculation comes in. By pursuing the appropriate mix of high quality bonds and financially robust, dividend paying stocks, it is feasible to receive a stable 7% ROR on 90-95% of your investments. Now, depending on your adversity to risk, the last 5-10% of your funds can pursue higher yielding opportunities in the market. If you are making a stable 7% ROR on 90% of your investments while making 35% on the remaining 10% of your investments, your overall ROR will increase to 9.8%! A 35% ROR may seem impractical, but countless stocks dou-

ble or triple in value every year. Additionally, if everything goes wrong with your speculative investments, you still stand to make an overall ROR of 6.3%. When speculating, you have to be willing to accept some investment losses, knowing that you stand to make 30%, 50% 150%, or even 300% on a portion of your investments when times are good.

So how do you find and manage appropriate speculative opportunities?

Speculate with companies that are coming out with disruptive and/or infective technologies. These companies tend to explode for 3 to 4 years after their product is released. Some examples of recent infective technologies are Apple's iPod and iPhone and Google's Google Apps.

Gobble up small start-ups that have a good chance of being bought out. The upside usually far outweighs the downside with these buyout-destined stocks.

Invest with commodity funds or hedge funds instead of mutual funds for better returns.

Find economically and financially sound companies whose stocks are undervalued because of panic selling or a bad economy.

Most importantly, practice discipline and get rid of any speculative investment that goes against you by 20%. If you cut your losses short, you only need one or two of your speculative investments to work out to realize a fantastic ROR.

At the end of the day, it is important to take calculated investing risks when you are young because you have plenty of time to recoup any losses you may incur. Plus, a little bit of disciplined, well-researched speculation can go a long way to help you retire comfortably.

Petroleum students get hands on

Tim Weilert
Content Manager

Oil. That sticky black substance has become all the rage as of late. While some study its socio-political implications, others are focused on recovery of this natural resource. Currently housed in Alderson Hall, the Petroleum Engineering department is dedicated to educating the next generation of the world's energy providers.

Students enrolled in the program follow a fairly standard education path when compared to the rest of campus. Formal petroleum classes begin during the second semester of sophomore year, with more specific coursework following.

"If you expect to do well on homework, you'll need to do more than just go to class," said Keith Stevens, a junior. "Most classes require you to work with TAs and pay special attention to formatting."

There are two field sessions for this major, taking place during the summers after both

sophomore and junior years. The first session focuses on the industry aspect of recovery, while the second session has an emphasis on geology.

After graduation, students should expect a job in industry with a variety of specific options. Anything from drilling to production to reservoir engineering, there are opportunities in companies of virtually any size.

Furthermore, the Petroleum Engineering department has a rather large contingent of international students from a plethora of backgrounds. Malaysia, Saudi Arabia, Kazakhstan, and Iraq are just a few of the nations represented within the department.

Overall, the Petroleum Engineering major remains focused on industry and hands-on experience. From "mud labs" to lecture halls, each aspect of the department is essential for developing key industrial skills. Students should expect to work hard, but with a placement rate around 90%, should expect to see their work pay off.

What's your Beef?

Jaime Thorpe
Student Body President

As part of our efforts to more effectively address the needs of the students at Mines, your Student Government, ASCSM, has reinstated a program called "What's Your Beef with Mines?" in which you submit any concerns you may have regarding Mines, and I respond via an article in the Oredigger to address these issues. I will try to give you the background on any policies you disagree with, as well as attempt to find a way to resolve the issue with the faculty and administration. If you are interested in submitting anything, the box can be found in the lobby of the student center.

There were a ton of complaints about parking on campus, but it boils down to:

"Please do something about the parking situation on campus. It sucks."

Ok, so here's the lowdown on parking. First of all, I have a bit of good news. We just convinced the school to change their plans

for the Hall of Justice. They were going to turn it into a grass field, but we have just convinced them to make it into a new parking lot. It should be completed by the beginning of the spring semester! As for a parking garage, there is one in the plans, but it will not be operational this school year.

"I can't believe the new fields are 'closed to the public.' Are Mines students considered the public? Are athletes the only ones paying tuition? These fields should be available to students & club teams when varsity teams aren't practicing or playing on them."

First off, Mines students are not considered to be the general public. Use of the fields is currently limited to practice and some competition due to construction completion issues. As soon as all of the construction phases of the project are complete, more use time will be available to the Mines community.

"It's ridiculous how many companies at career fair

and on diggernet are petroleum based. There are other companies that want Mines kids, and there are other majors besides petroleum!"

I'm sorry, but neither ASCSM nor the career center has the power to force companies to come recruit on campus.

"No place to park and less available teachers because too many freshman are being admitted each year"

The increasing numbers of enrolled freshmen is not a result of sending more acceptance letters, but a result of increased numbers who choose to attend after being accepted. The admissions office is taking steps to address this phenomenon.

Reminder: It is easiest to address your concerns if you are specific and use complete sentences. If I don't understand what you are trying to say, it is difficult to do anything about it.

Geek of the Week

...David Danford, Junior: Computer Science

Alec Westerman
Staff Writer

Do you consider yourself a geek?

Oh, definitely! Geek, nerd, dork...whatever.

Do you think others consider you a geek?

Probably... It doesn't really matter what other people think.

Do you prefer Microsoft or Mac?

I tend to prefer Microsoft even though when I started doing things in the sixth grade, the school did everything on a Mac. I just got used to it.

Do you have any strange talents?

Aside from all the weird stuff that the army taught, I can juggle just about anything that I can throw into the air and catch again.

What is the geekiest thing you own?

Probably one of the role-playing books that I own. I own Star Trek role playing game, Star Wars role playing game, and a Serenity role playing game... there's probably others that are just as nerdy that I can't think of right now.

What is the geekiest thing you have done at Mines?

This semester we helped start the Sci Fi fan club... but every year, the role-playing club hosts a convention, and we have the Anime Club, CSM the Gathering, and the Video Game Club. We just get together in the ball room and do geeky stuff.

What is the geekiest thing you have done in your life?

Either coming to Mines or majoring in computer science, one of the two.

Why did you choose to attend Mines?

My brother was already going

here, so my parents had already bought a condo. So, I already knew some people as well as had a place to live.

What is your favorite class?

Probably Intro to Space Exploration... I really wish it were a more intensive class.

What clubs are you involved in?

I do stuff with the RPC and the Sci Fi Fan Club. I'm the librarian for the RPC and the secretary for the Sci Fi Fan Club.

What are your plans for after college?

Get a job. I might do the five year masters program here, but I really need to get a job to pay off loans.

What are your hobbies?

Role-playing. I also play a game online called DragonRealms.

What is something embarrassing about you?

I'm old. I'm 24 and I can blame some of it on the army and I can blame some of it on freshman year.

What is a concise summary of your college career?

Freshman year, I freaked out and joined the army. I came back briefly before getting deployed to Afghanistan. And now I'm back and hopefully won't be going anywhere soon.

Are you still in the reserves?

I'm getting out of the active reserve component in December.

If you could take three things with you to a desert island what would they be?

Water, my computer, and solar panels to power my computer. Hopefully, I could find food.

If you suddenly came by one million dollars, what would you do with it?

Something really boring, actually. I'd put some of it in savings and pay off all of my student loans.

What year are you?

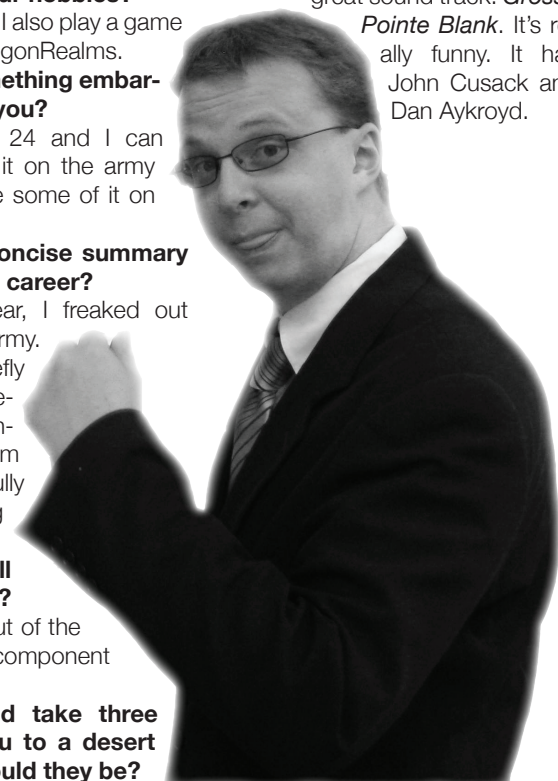
I'm a junior this year, sort of. By credit hours I'm a junior this year.

What is your favorite TV show?

I really enjoy a lot of the SyFy shows that they have. I really enjoy Stargate... I also like Eureka and Sanctuary from SyFy.

What is your favorite movie?

I really enjoy movies that have a great sound track. *Grosse Pointe Blank*. It's really funny. It has John Cusack and Dan Aykroyd.



ALEC WESTERMAN / OREDIGGER

Muse blends pop, classical

Charlotte Adams
Staff Writer

Last week, Muse released their newest album, *The Resistance*. Although a blatantly political production, this album does not disappoint. However, some of the songs are simply not up to par with the lyrical skills Muse has displayed on previous records. The best part is, as always, you aren't exactly sure what to expect. Their over-the-top style even jumps to a chord progression that is reminiscent of Queen, at times. They build on and introduce new styles, as they do with every new CD. The overall feeling is all that can be expected of Muse's own unique style.

Muse is a group known for having a virtuosic style that can only be described as epic. Each member is a master of his instrument, and the band as a whole masters its sound. Each track is written with the band's skill in mind; and for the most part, the band and their music mesh perfectly. It is because of this



that you can hear which songs on the album may not have had enough time put into them. One such track is "United States of Eurasia," which is quite unfortunately the least appealing track on the album.

One of the more astonishing pieces is the three part symphony that takes up the last three tracks of the CD. The rumor mill said that lead singer, Matthew Bellamy, had been working on it on and off for years; the hard work definitely paid off. The piece is as brilliantly written as it is fun to listen to. It is an amazing and inspiring blend of pop classical music.

It should be obvious by now that I recommend this album, despite its overall lack of focus. If you are already a Muse fan, you should buy this album despite its being sub-par to *Abolition* or *Black Holes and Revelations*. If you're new to Muse, this is a great album to start your fanhood.

Relax in the Gardens

Sarah Nelson
Staff Writer

With the air static from the stress of upcoming tests and heavy with the gloom of exponentially accumulating homework, the absolute necessity of finding a peaceful retreat once in a while becomes apparent. What better setting to finally exhale the week's work than that of nature - and how much better even is it to not just empty your lungs of carbon dioxide to be recycled in the carbon cycle by just one native plant but to be surrounded by all the magnificent foliage sculpted from the earth.

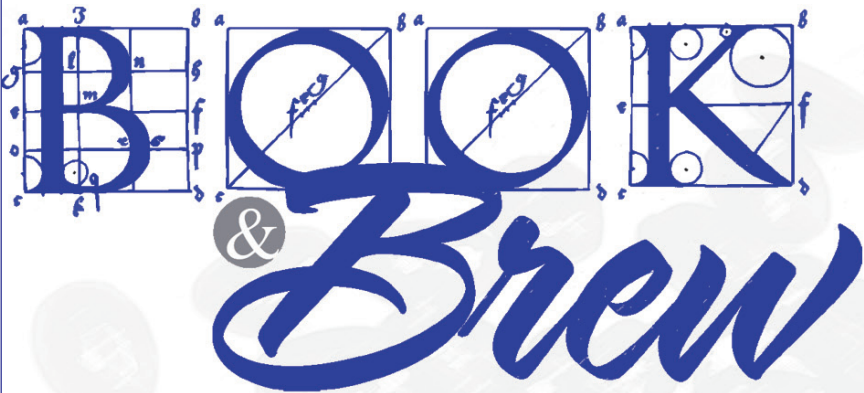
Where is this peaceful retreat where water gardens adorned with floating lilies and gracefully bright koi exist only yards from a sanctuary of cacti that thrive and blossom against the adversity of cracked and dry soil? The Denver Botanic Garden offers both of these in the midst of many more plants from every region ranging from tropical to desert. Along with a beautifully recreated Japanese tea gardens, find a path that leads along a garden whose plants reflect how to be apply a water conservative theme to your own garden... or at least gives you something to consider one day when you have the time

to care for a garden. Regardless, the Denver Botanic Gardens has a vast array of things to offer - from diverse artistic displays of plants to classes on gardening to more season exclusive events such as the annual corn maze, the pumpkin festival and even a haunted house.

So whether you are looking for an opportunity to learn about the diverse plant life occupying our planet or just a serene setting in which to get away from the demands of classes, the Denver Botanic Gardens promises to be a full and unforgettable day and to live up to its claim of being one of the top botanical gardens in the US.



SARAH NELSON / OREDIGGER



at Arthur Lakes Library



...Get Your Coffee On

- Hormone-free Milk
- Do you work on Campus on Saturdays? You can now get your AFPP (afternoon face plant prevention) at the Book & Brew
- PROUDLY SERVING ALLEGRO COFFEE & TEA
- ORGANIC ESPRESSO DRINKS

Fall colors special does not disappoint

Sarah McMurray
Staff Writer

Undeniably, the human experience is shared among us all. And yet, somehow, we can be so very different. Take for example, my friend Jennifer. She loves trains but prefers going to a train museum rather than riding a train. I, on the other hand, merely love to enact imaginary hobo sequences where I am leaping from the trains or ride them through the countryside, commemorating my trip with a souvenir belt buckle...

This is exactly what happened. Last month when Jennifer came to visit, we went up to the Leadville Boom Days festival (but that's another article...). While exploring the highest incorporated city in the United States, we stopped off at the Leadville Colorado and Southern Railroad station and gift shop in the historic downtown area. There wasn't a lot in the way of gifts at the time, just some wild huckleberry jam and some fleeces, but they were doing a wild-flower tour through the mountains on the train at 2 PM.

I started getting all antsy and excited at the thought of it. I think I was already a little buzzed from the strong sun and thin air up there. I am like a two-year-old when I get excited about something. I make

fists with my hands and shake my elbows. Jennifer, however, opted that we head back to Golden to the railroad museum. Although I did enjoy getting the hobo out of my system and all of us had a good time, I vowed in my heart that I would go back and ride that Leadville train (one of the cheapest trains in Colorado, at \$32).

So that is what I did last weekend. September 19 is their fall colors photo special, and it did not disappoint. The date was spot-on, and the day was gorgeous. Our guide, a fifth generation Leadvillian, predicted snow by the next week, and she was right. The train went out to the molybdenum mine at Climax, and the golden aspens were glowing in the sun all along the way.

Our guide pointed out that aspens themselves aren't individual trees. They exist in groves, or clonal colonies, sharing a root system derived from a single seedling. The trees themselves may live between 40 – 150 years, but the root system may be thousands of years old. This explains some of the unique ways that the trees

change color. A whole block will change at the same rate and to a similar shade, making things like an orange grove really stand out in a sea of yellow.

The train itself was entirely pleasant, with two open air cars, some windowed cars, and a snack car. Unfortunately, the snack car was also on the port-

o-let car, which was too smelly, and made the thought of getting a snack unappetizing. However, you may bring your own snack. The ride was roughly three hours long, including a stop at the train's old water tower. A relic from the days of the steam engine, it is now a photogenic site for a leg-stretch.

While you missed the fall photo special, the train will continue to give rides through October 4. If you go though, please remember this little piece of tourist etiquette: you don't own the train. So please don't stand up the whole time at the front of a row of seated people and block everyone's view of the beautiful nature. It's obnoxious.



SARAH MCMURRAY / OREDIGGER



SARAH MCMURRAY / OREDIGGER



A Taste of Wine and Art

Foothills Art Center
809 15th St
Golden, CO
5:30-8pm - Friday
October 2, 2009
\$40 per person
\$90 VIP Tasting Suite

Sponsored By:





Featuring:
Door Prizes
Silent Auction
Entertainment
Elegant foods
VIP Suite

Supporting the Kiwanis of Golden Scholarship Fund

For tickets and information, contact
Kiwanis of Golden at 303-888-4559
Or purchase tickets online at kiwanisclubofgolden.org



GREAT FOOD • CLASSIC ROCK

Yard House

WORLD'S LARGEST SELECTION OF DRAFT BEER

The Yard House is an upscale, casual eatery known for great food, classic rock music and the world's largest selection of draft beer.

HAPPY HOUR featuring MARTINIS & BEER

DAILY • 3:00PM - 6:00PM
DAILY • 10:00PM - CLOSE

AND MONDAY NIGHT FOOTBALL
from game kick-off to final play 9/14/09-12/28/09

EXTENDED FOR MONDAY NIGHT FOOTBALL

SELECT HALF-PRICED PIZZAS & APPETIZERS

\$3.50 Domestic Pints • **\$4.00** Craft/Import Pints
\$4.50 Goblets • **\$4.25** Well Drinks
\$5.75 House Martinis • **\$2 OFF** Wine by the Glass
\$6.50 SLIDERS

Yard House supports designated driver programs. We card anyone who looks under 35.

COLORADO MILLS • 14500 WEST COLFAX AVE • 303.278.YARD • yardhouse.com

Students attend the Great American Beer Festival

Kevin Lock
Staff Writer

When I was a child, I remember the magic of Christmas morning, going to Disney World, and the excitement of getting my driver's license.

As I grew up, each of these things lost their luster, first my sister shattered my innocent hopes and dreams of Santa Claus and the Easter Bunny, then slowly but surely the magic of Disney World also began to fade. These treasures in life are milestones that are built up in your head and eventually, one way or another, the magic is lost. I was starting to feel like these magical moments are a thing of the past only to be felt when you are lucky enough to be snowed in at a ski resort or on your honeymoon.

However, the Great American Beer Festival (GABF) is a magical place where those feelings return and beer flows even more freely than it does on E-Days, only instead of Keystone Light, there are some of the best beers that America has to offer and they are right at your fingertips.

The Colorado School of Mines Activity Council, MAC, was kind enough to give students the opportunity to visit one of the most amazing places on earth, the GABF. As students started pouring towards the two greyhound buses parked outside of the Student Recreation Center, the excitement was palpable, similar to the feeling of 60 kids waiting for the clock to change so that they will be able to wake their parents and go look to see what is under the Christmas tree. From maps charting their plan of attack to large pretzel necklaces, each student had come prepared for the event in their own way.

Once the bus reached the Denver Convention Center, everyone began to realize that they had not made a mistake by neglecting all of their homework and Friday classes to attend the GABF. The line to enter the convention center wrapped most of the way around it; there were now hundreds of people waiting for that clock to change.

Upon entering, one realizes that all of their prior plans of being systematic and choosy as to which breweries they were going to visit was temporarily out the window, with 2100 beers being served simultaneously, it was nearly impossible not to become overwhelmed. Once attendees obtained their glasses, like kids in a candy store, it became controlled mayhem of sampling and pure excitement. After the first few samples and the realization that this glory continues as far as the eye can see, a calmer, more focused energy ensued. With more than 75 categories of beer, there was

something for absolutely everyone at this event and everyone split off into small groups in search of their specific style, whether they knew what it was or not.

Personally, I tried the, "Whatever has the shortest line" theory. This is a good way to try heaps of different styles and to learn what type of beer you favor. Some of the specialty brews that stuck out to me include Shipyard Bering's Blueberry wheat, along with Rockbottom Massachusetts' Jalapeno. Neither of these won awards, however I was fortunate enough to stumble upon a few that did including Beaver St. Brewery's Hopshot IPA, which won a silver metal for American Style Strong Pale Ale, Fat-Head's Brewery & Saloon's Up In Smoke, which won a silver metal for Smoked Beer. By going around and simply trying based on whatever caught my eye, I was exposed to multiple beers which I did and did not like. However, this led to many of them blending together and too much mixture of flavors to get a good feel for many of the brews.

I would recommend mapping out the types of beers you would like to try and then move from lightest (or least flavorful) to darkest (or most flavorful) to maintain your palate. Also bring along a notebook so that you can write down good, or bad, beers and know what to come back to in the future. Moving through the festival I was able to highlight many beers that I will most likely review in the future if I am able to get my hands on them.

One strong highlight of the event, if you need one beyond 2100 beers on tap, is that brewers hold a "You be the Judge" beer judging forum, in a set aside section of the festival where brewers walk you through the beer reviewing process. At events like this Judges are first told about the category the beer they are tasting is entered in and then the beer is

judged based on the characteristics of that category and how well that beer exemplifies the category, not simply whether or not they are "good." Samples are then handed out to the judges in approximately 1.5 oz portions and they are analyzed based on color, aroma, bitterness, alcohol, style, flavor/aftertaste, balance/drinkability, technical quality, and carbonation.

For more information on reviewing and judging beers, I recommend beeradvocate.com or the links that can be found through greatamericanbeerfestival.com. If you get the chance to attend one of these forums, I highly suggest signing up for one of the earlier sessions, not one that is nearly three hours into the festival, after you have been running around like a kid.

The results of the judging done at the GABF are published on their website, however I would like to highlight that our very own hometown brewery, Coors, did very well at the event. Coors Brewing Co. won 5 medals with Keystone Ice winning a Gold for American Style Specialty Lagers, Coors Banquet winning Gold for American-Style Lagers or Premium Lagers, our beloved Keystone Light winning Silver in American Style Light Lagers, Killian's Red winning Silver for American Style Amber Lagers, and Pre-Pro winning Silver for American Style Specialty Lagers.

GABF is a magical world where there are unlimited learning possibilities and more amazing beers in one place than one would think is possible. I would like to congratulate MAC on a great event for students, and thank the bus drivers for playing DD to 60 some college students who enjoyed multiple renditions of the school song along with many other chants and 'brilliant ideas' that occurred during the ride home.



KEVIN LOCK / OREDIGGER

Great atmosphere found at MCA

Jake Rezac
Content Manager

The Museum of Contemporary Art Denver (MCA) is housed in a beautiful building in the LoDo district of Denver. Much smaller than the Denver Art Museum, MCA is only \$5 for students and just a short walk from the 16th St. Mall. The museum forces one to relax and quiet their mind. However, a lack of exhibits in the museum is disappointing.

The photography gallery of Coloradan photographer Kevin O'Connell was the highlight of the museum. The exhibit features O'Connell's pictures of a wind farm and its turbines. O'Connell has managed to blur the line between photography and painting in these photos; only the extreme detail, which not even a hyper-realistic painter could emulate, convince an observer that they are indeed photographs. The exhibit closes on October 4.

Another highlight was an installation of Denver artist Jim Green. Green's exhibit consisted of a row of self-inflating whoopee cushions which would 'go off' every few minutes. Rather than coming off as pretentious – something that could have easily happened at a museum of contemporary art – the whoopee cushions induced laughter and bewilderment. Green's exhibit closes September 30.

Two other exhibits – Arlene Shechet's attempt to capture a moment in the undulation of waves and Rex Ray's vibrant and abstract

mixed media work – were compelling and beautiful as well. However, with one of the spaces for exhibits being closed, these four exhibits were the only ones inside the museum. [A fifth exhibit by Barnaby Furnas opened on September 25.] Four permanent works were scattered across the museum grounds and roof. And while quite fascinating, these works were not exhibits. Nor was the open rooftop which, looking out onto downtown Denver, will put the observer in a pensive mood.

One would think that a museum with a work of art called "*Riemannian Tangencies*" (a permanent polymer inlay by Clark Richert) would appeal to a math major from Mines. However, the paucity of exhibits detracted from the quality of those exhibits. Nevertheless, this LoDo feature is uncanny in its ability to make even the most motivated of us to pause for a moment and take in the art. For someone looking to relax and spend an hour surrounded by beautiful things, MCA is a perfect option. Someone looking for an art museum should stick with the Denver Art Museum.

MCA is a 5 minute walk from Union Station and the 16th St. Mall. If you find yourself on the mall, \$5 to burn, and 45 minutes to kill, walk down and admire the architecture of the building and the art it holds. Otherwise, it will likely disappoint.

The Museum of Contemporary Art Denver is located at 1485 Delgany Street, two blocks southwest of Union Station.

Surrogates satisfies

Erin Stephens
Staff Writer

2009's first fall action film, *Surrogates*, continues the motif of mishandled power which was present in summer blockbusters such as *District 9*. Starring Bruce Willis, the film divides humans into two groups, those willing to lead a life free of fear and with true experience, and surrogates, those that are not. The opening credits tell the evolution of surrogacy, and the conflicted society rising from this dichotomy.

Tension in *Surrogates* comes from the ever-increasing fear of technology in modern society. The film opens with the familiar wayward son of the billionaire; his superficial role ends with murder, paving the way for master detective Agent Greer (Willis) to discover the real problem with the surrogates. Like personalities on the internet, the surrogates don't always look like the people animating them; a beautiful young woman at the bar might actually be a 50-year-old man strapped to an uplink chair.

The story progresses rather linearly with no special twists or revelations. Greer's mission is to find the murderer, protect the general public, and stop the evil plot to destroy the surrogates.

Willis once again plays the basic good cop; however, *Die Hard* fans will be disappointed that there is no Hans Gruber to serve as a nemesis. The lack of a proper villain leads *Surrogates* to a boring climax without any

true conflict. Without the typical bad-ass moves and a lack of decent weaponry, Willis's character falls flat. Greer's wife (Rosamund Pike) is fairly static, but sometimes succeeds in creepy sticism.

As far as casting choices went, Willis and Pike were some of the only actors that could handle such a script. The casting for the Greer's boss (Boris Kodjoe) was also an effective choice as a sleek, clean businessman no longer in touch with actual physical reality. Greer's partner (Radha Mitchell), whose acting was devoid of emotion, could have had more personality. Nevertheless, the cast was able to hold the movie higher than the script could.

Surrogates merely propagates the innate fear of unchecked machinery and the resulting loss of humanity. *Surrogates* raises many questions the ethicists love to debate: Does using excessive technology demean our humanity? Do humans have an obligation to live as mortal "meatbags?" This film may deter ventures into new technologies for a short period, but will not have a lasting impact on society.

Surrogates had merit as an action film and offered commentary on the direction society is headed. Unfortunately, nothing new was brought, and the storyline wasn't unique enough to merit grandiose praise.



Orediggers dominate at ThunderBowl

Courtesy CSM Athletics

Colorado School of Mines defeated Colorado State University - Pueblo by the score of 31-7 in Rocky Mountain Athletic Conference (RMAC) football action on Saturday afternoon, September 26th, at the Neta and Eddie DeRose ThunderBowl.

A pair of Jahre Cheeseman touchdown receptions from David Pesek in the opening half - the first from 15 yards out at 4:45 in the first period and the second from six yards out with 36 seconds remaining in the second quarter - gave Mines a 14-0 halftime lead.

Adam Saur caught his eighth touchdown pass of the season on a three-yard toss from David Pesek midway through the third quarter (10:32) and Dalton Lane connected on a 41-yard field goal attempt later in the period (3:50) to increase CSM's lead to 24-0.

Cheeseman found the end-zone for the third time on Saturday when he scored on a four-yard run at 13:17 in the final quarter. The ThunderWolves posted their lone score of the day when Colin Clancy scored on a 10-yard run with 11:34 left in the contest.

Pesek completed 20-of-35 passes for 271 yards and three touchdowns (one interception) and Clay Garcia went 6-of-9 through the air for 71 yards. Cheeseman

carried 22 times for 75 yards while Cody Renken caught 10 passes for 163 yards. Marc Schiechl and Josh Ruff led Mines (3-2 overall, 3-0 RMAC) with seven total tackles apiece while Nick Haniszewski (1.5 tackles for a loss) and Hunter Wardlaw each made six stops. Schiechl (3.0 tackles for a loss) and Haniszewski accounted for one sack apiece. Wardlaw and Kyle Goracke each came away with interceptions for the CSM defense, which allowed CSU-Pueblo just 200 yards of total offense. CSM concluded the afternoon with 446 yards of total offense.

Saur now has 25 career touchdown receptions, six shy of tying the CSM career record in that category.

CSU-Pueblo's Lee Meisner led all players with 12 total tackles (five solo) as the ThunderWolves fell to 3-2 overall (2-1 RMAC). Clancy (six carries) and Jesse Lewis (14 carries) finished with 24 and 51 yards on the ground, respectively. Clancy completed just 12-of-34 passes for 113 yards (two interceptions).

Mines will play at Mesa State College (3-2 overall, 3-0 RMAC) on Saturday evening, October 3rd, at 7:00 p.m. (MST) at Stocker Stadium in Grand Junction, Colo.

The Orediggers will return home to host Western State College in the annual Homecoming / Hall of Fame game on Saturday afternoon, Oc-

tober 10th, at 12:00 p.m. (MST) at Brooks Field in Golden. CSM will induct four former student-athletes, as well as three outstanding supporters, into the 14th annual class of its Athletics Hall of Fame during a banquet on Friday evening, October 9th, at the Ben Parker Student Center on the CSM campus. RMAC Commissioner J.R. Smith will be the guest speaker at the banquet, which will begin at 7:00 p.m. (reception at 6:00 p.m.).

Former student-athletes who will be inducted include Dayven Johnston (track & field, football), John

Simpson (wrestling), Eric Stellmon (track & field) and Rob Zimmerman (men's soccer). Outstanding supporters to be inducted include Kim Harden, George Puls III and Dean Stoughton. The 2009 CSM Athletics Hall of Fame inductees will also be recognized during a halftime ceremony at the game on October 10th. Furthermore, the annual Golden Chamber of Commerce / Silver & Blue Homecoming Luncheon will be held on Friday, October 9th, at 11:30 a.m. on the CSM campus (Green Center). Comedian Sam Adams, who is also

a former sports columnist for the Rocky Mountain News, will be the guest speaker at the Homecoming Luncheon.

For information about tickets to the Homecoming Luncheon (\$25), the 2009 CSM Athletics Hall of Fame Banquet (\$25) and the Homecoming / Hall of Fame football game (\$10 adults / \$7 children & seniors), please call 303-384-2254.

For more information about Colorado School of Mines Athletics, please contact Sports Information Director Jeff Duggan at jduggan@mines.edu.

COURTESY CSM ATHLETICS



Pesek named to 2009 Allstate AFCA Good Works Team

Courtesy CSM Athletics

Colorado School of Mines' David Pesek has been selected to the 2009 Allstate AFCA Good Works Team®, as announced today by Allstate and the American Football Coaches Association.

From a grand total of 106 national nominees in 2009, a special voting panel consisting of former Allstate AFCA Good Works Team members and prominent college football media members selected two 11-player Allstate AFCA Good Works Teams. One team consists of players from the NCAA Football Bowl Subdivision (Division I-A), while the other is comprised of players from the NCAA Football Championship Subdivision (I-AA), NCAA Divisions II and III, and the NAIA.

A 6'3", 200-lb. senior quarterback from Centennial, Colo. (Arapahoe High School), Pesek was one of just 54 nominees from the NCAA Football Championship Subdivision and was the only nominee from the Rocky Mountain Athletic Conference (RMAC).

All student-athletes named to the 2009 Allstate AFCA Good Works Team will be invited to attend the 76th Annual Allstate Sugar Bowl on Friday, January 1st, 2010, at the Louisiana Superdome in New Orleans, La., where they will be recognized during a halftime presentation.

The Allstate AFCA Good Works Team, which honors college football players who make

outstanding contributions in the areas of volunteerism and civic involvement, is now in its 18th year of existence. The Allstate AFCA Good Works Teams were established in 1992 by the College Football Association to recognize the extra efforts made by college football players and student support staff on and off the field. The AFCA became the governing body of the award in 1997 and continues to honor college football players who go the extra mile for those in need. Allstate partnered to present the award for the first time in 2008.

In June of 2008, Pesek traveled to Afghanistan with eight other men from his church to embark upon a seven-day goodwill trip in the refugee camp of Berek Aub. In 2007, the Afghan government relocated over 600 families of refugees from Kabul to Berek Aub, which lacks a reliable water source and is surrounded by landmines. Pesek's group traveled 36 hours across 17 countries and 10 time zones in an effort to support Berek Aub's need for construction, health care and education. Berek Aub, or "fragile water" in the native Dari language, is a bare and inhospitable area located approximately one hour north of Kabul.

"I think that each one of us learned something from the hope and optimism painted on the faces of the Berek Aub children," said Pesek. "I became part of a strong family there, and although I came home in one piece physically, I left my heart to the people of Afghanistan."

Pesek, who was selected as the 2009 Pre-Season RMAC Offensive Player of the Year, currently leads the RMAC in passing (310.0 yards per game), touchdown passes (10), yards passing (1,240), completions (109) and completion % (69.4) and is ranked second in the conference in passing efficiency (154.2) and total offense (297.0 yards per game).

Pesek garnered First Team All-RMAC and NFF All-Colorado honors as a junior in 2008 while starting all 12 contests at quarterback. Last season, Pesek finished first in the RMAC in total offense (244.2 yards per game) and second in passing (222.7 yards per game), completion % (63.9) and passing yards (2,672). A two-time RMAC Offensive Player of the Week selection in 2008, Pesek completed 243-of-380 passes and threw for an RMAC-second-best 21 touchdowns last fall. As a sophomore in 2007, Pesek earned Honorable Mention All-RMAC recognition while leading the RMAC in total offense (247.0 yards per game) and passing (243.9 yards per game).

The President of the Fellowship of Christian Athletes at CSM, Pesek earned his bachelor's degree (Electrical Engineering) in May of 2009 and is currently pursuing his master's degree in Mechanical Engineering (pre-med).

For more information about the 2009 Allstate AFCA Good Works Team, please visit: <http://www.afca.com>.

Saur recognized by RMAC

Courtesy CSM Athletics

Colorado School of Mines' Adam Saur has been selected as the RMAC Offensive Player of the Week, as announced today by the Rocky Mountain Athletic Conference.

Saur, a 6'3", 200-lb. senior wide receiver from San Antonio, Texas (Clark High School), caught 10 passes for 174 yards (17.4 yards per catch) and two touchdowns in the Orediggers' 51-10 RMAC home victory over Fort Lewis College last Saturday, September 19th, at Brooks Field in Golden.

Saur is currently ranked first in the RMAC and seventh in the nation (NCAA Division II) in receiving yards per game (118.0), as well as third in the RMAC and eighth in the nation in receptions per game (7.8). Saur is also currently ranked first in the RMAC in both touchdowns (seven) and receiving yards (472), second in scoring (10.5 points per game), third in receptions (31) and sixth in all-purpose yardage (118.0 yards per game).

A Pre-Season All-RMAC and d2football.com Pre-Season First Team All-RMAC selection prior to the beginning of the 2009 season, Saur led the RMAC and established a new CSM individual single-season record with 13 touchdown receptions while earning First Team All-RMAC, First Team NFF All-Colorado and Third Team All-Super Region #3 honors as a junior in 2008. Saur garnered Honorable Mention All-RMAC recognition as a sophomore in 2007.

With 24 career touchdown receptions (four in 2007, 13 in 2008, seven in 2009), Saur is now just seven away from tying the CSM individual career record of 31 (Jonny Chan, 2001-04).

Mines will play at Colorado State University - Pueblo (3-1 overall, 2-0 RMAC) on Saturday afternoon, September 26th, at 2:00 p.m. (MST) at the Neta and Eddie DeRose ThunderBowl in Pueblo, Colo. CSM will also play at Mesa State College on Saturday evening, October 3rd, at 7:00 p.m. (MST) at Stocker Stadium in Grand Junction, Colo.

The Orediggers will return home to host Western State College in the annual Homecoming / Hall of Fame game on Saturday afternoon, October 10th, at 12:00 p.m. (MST) at Brooks Field in Golden. CSM will induct four former student-athletes, as well as three outstanding supporters, into the 14th annual class of its Athletics Hall of Fame during a banquet on Friday evening, October 9th, at the Ben Parker Student Center on the CSM campus. RMAC Commissioner J.R. Smith will be the guest speaker at the banquet, which will begin at 7:00 p.m. (reception at 6:00 p.m.).

Former student-athletes who will be inducted include Dayven Johnston (track & field, football), John Simpson (wrestling), Eric Stellmon (track & field) and Rob Zimmerman (men's soccer). Outstanding supporters to be inducted include Kim Harden, George Puls III and Dean Stoughton. The 2009 CSM Athletics Hall of Fame inductees will also be recognized during a halftime ceremony at the game on October 10th. Furthermore, the annual Golden Chamber of Commerce / Silver & Blue Homecoming Luncheon will be held on Friday, October 9th, at 11:30 a.m. on the CSM campus (Green Center). Comedian Sam Adams, who is also a former sports columnist for the Rocky Mountain News, will be the guest speaker at the Homecoming Luncheon.



Minds at Mines

Healthcare reform

Roby Brost
Staff Writer

Glorify, villainize, mock, or promote, it seems that the only thing that the news or television commercials don't do these days is ignore. The proposed Health Care plan that is. With fervor previously associated only with candidate campaign ads, commercials, features, and newspaper articles are flooding the media concerning the proposed government-run Health Care plan. With so many confusing and contradicting ads and amendments, it is hard to tell what exactly the Health Care Plan is actually proposing. While many easily agree that the current healthcare system is in need of a drastic overhaul, the area of contention appears to be just how, when, by whom, to what degree and how fast these changes should take place. The confusion over just what one of the many plans proposes prompts many people to want to know just the facts and to have more information. Most students on the Mines campus this week were in solid agreement that what is really needed is access to unbiased information so that an informed opinion can be made. Nonetheless, students across campus gave their opinions with the information that they did have.

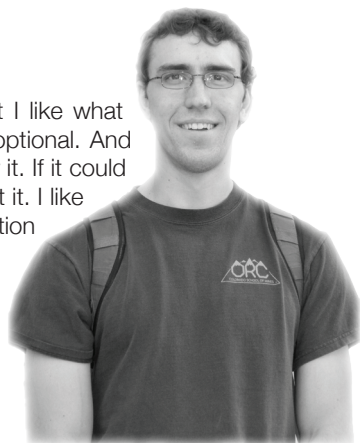


"The honest answer is that I think the insurance companies are corrupt and the people that run them are unethical. They are strictly out for profit and are blind to the needs of the human beings that they are supposed to be providing a service for. They are strictly looking for more and more ways to maximize profit no matter who it hurts. That's my opinion."

Steve Smith

"I am actually a conservative. But I like what Obama has proposed because it is optional. And supposedly tax dollars will not pay for it. If it could happen like that, then I would support it. I like that they are trying to reform the litigation part of the program too."

Andy Zelenak



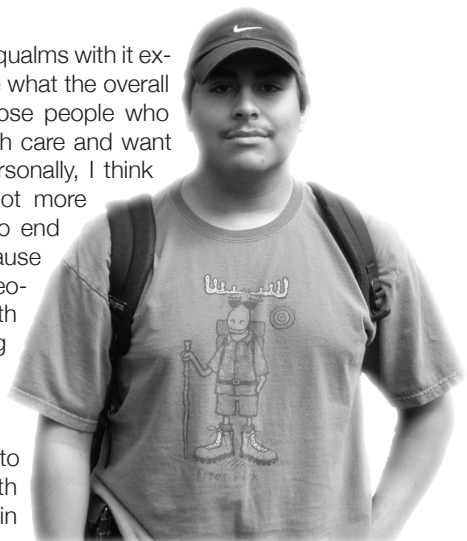
"I think that it would be good for everyone to have healthcare, but I really don't think that it should be done on a national level. I think that it should be done on a state level because there are too many differences in what people believe they need and what people believe needs to be done. I think that on a national level, it's too big, whereas on a state level it would be customized for the state."

Tina Snyder



"Truthfully I have no real qualms with it except that I would like to see what the overall total cost would be for those people who currently do not have health care and want to join this public plan. Personally, I think that the plan will cost a lot more than it is probably going to end up being worth, if only because of the sheer number of people who do not have health care coverage - something like 45-50 million - and the current burden of Social Security. Unless Social Security itself can be altered into a compatible form for health care, I don't see it working in any feasible way."

Matt Armijo



PHOTOS ROBY BROST / OREDIGGER

Two inches outside the law

Benjamin Johnson
Staff Writer

Recently I received a parking ticket from the Colorado School of Mines Department of Public Safety. It was a fairly unbelievable incident for several reasons. The first is that the ticket was not your average parking ticket; it was not because I did not have a Mines parking permit and I was parked on campus. Nor was it a ticket for parking in a red zone, yellow zone, fire zone, or any other type of restricted area. The ticket was because I was parked more than twelve inches away from the curb. For those of you who did not know (myself included), that is a law for some unknown reason. With utter disbelief and a great deal of frustration, I decided to measure the distance I was parked from the curb. It turned out to be fourteen inches.

The fact that I was only two inches away from not breaking the law raised several questions. The first was how an officer could possibly tell the difference between twelve and fourteen inches while most likely driving along the street? Or, if by some miracle the officer could see through my car like Superman and notice a difference of two inches, was it really necessary to go and measure to make sure I was more than twelve inches away from the curb? I also heard from a Public Safety worker that it is a common practice to allow students to issue parking tickets on campus. This rais-

es more questions about the practices of Public Safety. Are the officers so busy that they cannot handle issuing tickets? Is it a common consensus on campus that we want students issuing tickets? I have a strong opinion against this practice as I am sure most people do.

One big problem I have is the inconsistent and discriminatory nature of Public Safety. In the past two weeks, I counted 67 cars that were parked over twelve inches from a curb that were not ticketed. I did not make any extra trips around campus but counted these cars from my habitual treks to class and other places on campus. This number is under the actual number because I also did not count cars every time I was walking on campus; in fact, I probably only counted cars fifty percent of the time. This inconsistency is exacerbated by a story I heard from a fellow student. The student also received a ticket for parking more than twelve inches away from the curb, but all of the cars along the street who were more than twelve inches away were also ticketed. Is there even a set policy regarding ticketing people parked on campus? Or is it just when it is convenient?

One reason I think some cars get ticketed and others do not is the implementation of discrimination when issuing tickets. I have a fairly nice car that is bright red which I would argue is the main reason why my car was even looked at. A car that was

parked three cars behind me was even further away from the curb than mine was not ticketed, or at least I did not see a ticket. I suppose the owner might have already taken the ticket, but I doubt it given all of the other evidence that I have already mentioned. If a student issued the ticket, do we want college students, who are often times unreasonably discriminatory, issuing tickets? If an officer issued the ticket, an evaluation needs to be made of the motives of the officers in Public Safety.

Whether a student or an officer issued my ticket, perhaps the biggest frustration I had was that I was not even parked on campus. The complete ineptitude of issuing a campus parking ticket to someone who was not parked on campus is staggering. I understand that mistakes are made, I made one by parking two inches too far away from the curb, but not understanding the boundaries of your responsibility is hard to comprehend. A serious examination of the practices and competence of Public Safety needs to be made so more people are not subjected to their mistakes and biases.

Editor's Note: The Oredigger is working on a story that will outline the differences in responsibility between Public Safety and the newly formed Parking Services. We recognize that they are two different entities, but at the time of printing have not had the opportunity to sit down with both groups.



LILY GIDDINGS / OREDIGGER



Leadership

Tim Weilert
Content Manager

This past weekend, while the autumn leaves began to fade and people took to the out-of-doors for a few pre-blizzard season excursions, some of us stayed inside. While most would consider this to be a perfectly good waste of a beautiful day, I would argue that it was time well spent. The second annual Mines Leadership Summit took place and got me thinking about what it is to be a leader.

Think about the last 15 years. The strong economy-driven United States of America during the 1990's produced "leaders" in corporate cultures. These people could motivate crowds and con-

vince stockholders of nearly anything. However, as we have seen, some of these people were not leaders, but crooks in the guise of someone to be followed.

What, then, makes a *real* leader? The answer (in my view): Character (with a capital "C"). To say this is a lofty statement, because on my part it requires that I live out what I say and what I want others to do. Classically this is known as accountability, a part of responsible leadership in any circumstance.

To lead effectively means to work from a place of character and passion. Combining honest motivation toward a goal with the moral fortitude to get it done will undoubtedly result in success.

This past weekend, at the

Leadership Summit, Dr. Calvin Mackie said something very particular that struck a chord along these very lines. He said, "Who you are matters more than what you can do." To develop character is often an arduous task; however once it has been developed it stands out more than any motivational trick.

Editorials Policy

The Oredigger is a designated public forum. Editors have the authority to make all content decisions without censorship or advance approval and may edit submitted pieces for length so long as the original meaning of the piece is unchanged. Opinions contained within the Opinion Section do not necessarily reflect those of Colorado School of Mines or The Oredigger. The Oredigger does not accept submissions without identification and will consider all requests for anonymity in publication on a case-by-case basis. Submissions less than 300 words will receive preference.

Fool's Gold

“Shrinkwrap this!”



LAIS sit-in this Wednesday

Janeen Neri
Literary Analyst

Many of the LAIS faculty members at CSM are organizing a sit-in protest for the 30th of this month. The reason for the event, Dr. Samuel Blake explained, is to “sit down, board up, gather round, stand up!” against what he and his associates feel is “a system and an ideology that pervades this college. One that, we think, prepares our children to be the next generation of engineers but, which does so at the cost of their ethics and minds.”

The protest, which has been dubbed “Turning Out the Lights,” was first discussed at the beginning of this semester, when several new faces joined the liberal arts department at Mines. One of them, George Coleridge, was giving a lecture for Nature and Human Values when he said, “I peppered my talk with references to engineering, science, and even mathematics to better capture the attention of my very technically-minded audience. When I concluded the talk and opened the floor to questions, a young woman raised her hand and asked whether I had ‘ever even *seen* a math textbook.’”

The challenge prompted Coleridge to educate himself. “I started slowly,” Coleridge said, “moving from economics to BELS to chemistry to physics. Finally, I felt ready to tackle mathematics – something I had never studied since high school.”

Coleridge was shocked by what he found there. “The book called certain statements ‘true’ and ‘false’,” Coleridge said, outraged, “Everyone knows that absolutism is the first step toward totalitarianism! And that wasn’t even the worst of it. Several of the sample ‘proofs’ glorified the practice of exploiting inequalities, saying that this would make the students’ work easier! Most appalling of all, the book *encouraged* clipped, abbreviated speech as if ‘texting’ wasn’t already ruining the English language!” Realizing that mathematics is at the core of most courses at Mines, Coleridge immediately sounded

the call to arms.

Once introduced to what Coleridge termed “the evil in our classrooms,” a large portion of the LAIS department decided to organize a sit-in to highlight the problem, with senior faculty member Blake taking the lead. “To teach this to our youth,” Blake said, “is the worst atrocity that a school could even think to perpetrate.”

The participating faculty decided that the most fitting wake-up call would be to deprive the college of liberal arts for just one day, to show the students,

Blake said, “just what world they plan on living in.” The sit-in will impact 148 liberal arts classes, roughly half of the total LAIS classes offered at Mines.

What do the students think of their potential day without liberal arts? As sophomore Louis Augustin put it, “if this is what happens when you have an ignorant, misinformed public, then sign *me* up for the propaganda department!”

“Everyone knows that absolutism is the first step toward totalitarianism!”

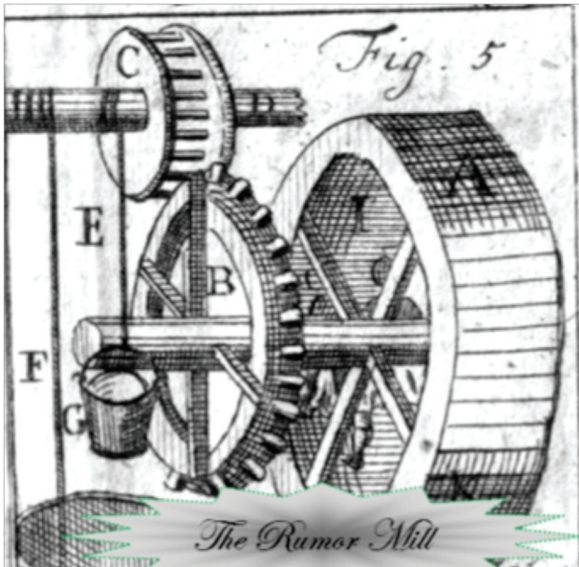
THE RUMOR MILL

Campus rumors debunked

Mike Stone
Researcher

Rumor: FAC Bringing in Carlos Mencia this week
Status: Confirmed
Description: He will be serving popcorn and pouring beers as a real-live comedian performs on stage.

Rumor: Freshman Kelly Stevens is totally into Junior Josh Daniels
Status: Busted
Description: The delusions of CSM 101 mentors have been documented throughout the past decade.



WRITE FOR THE OREDIGGER!

STUDENTS - WHY JOIN?

Impeccable Writing

There is only one required, writing-intensive class at CSM. At *The Oredigger*, we have designed a multi-tiered editing and feedback approach that can help you refine your craft and enter the workforce with premier writing skills. What’s more, we ensure the flexibility to write **what** you want and **when** you want. You can take a couple weeks off or pick up an in-depth feature, whatever fits in **your** schedule.

High Design

All *Oredigger* publications are constructed with Creative Suite 4 on a Macintosh platform. Our unique organizational structure generates a team atmosphere on every project, empowering student designers to flex their creativity in a fun and relaxing environment.

Management Mastery

Whether you would like to learn the methods of leading a team, experience the opportunities of running a small business, or both, *The Oredigger* can give you a distinct and valuable perspective on management.

Now Hiring

Assistant Business Manager: Learn the ins and outs of funding a small business. Contact local and national businesses, promote print and online advertising.

Assistant Webmaster: Work with the Webmaster to maintain the organization’s websites and ensure placement of advertisements and content, and ensure the availability of features required by the content, design, and business teams.

Managing Editor: Do a little bit of everything: plan and keep track of content, design and lay out the paper, maintain contact with writers, photographers and Content Managers to maintain the quality of the paper.

See our website at www.oredigger.net

Break dancing not just for Disney teen movies

Zachary Sorenson
Electric Slider

Inspired by the not so famous Beastie Boys song, break dancers of the world have finally united. This past week, the faction leaders of the fractured break dance world met in Philadelphia.

The key note speaker, DJ Nasty Pants, discussed the organization's goals. "We should unite towards peace in the world. We should be dropping dope beats, instead of dropping bombs. We should be popping and locking with our bodies, instead of popping our guns, and locking our doors." The general hip hop community in attendance found the unison of the factions to be "extra fresh" and "super fly."

This new unison comes as a shock to all of those who have been following the break dance scene since last year. There was an attempt then to achieve a similar goal and the results made the idea of compromise seem impossible. Soon after the key note speech, two of the leaders from particularly high strung factions started a "dance battle".

Though the actual battle won over the crowd, the loser, Sir Map n' Nap, was left feeling that he was "dissed". "There is no way that that fool's moves were crisper than mine. There is no way I'll be caught dead in the same crew as that fool." His opposition, Jazzy Jester, was unavailable for comment.

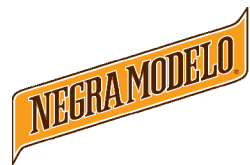
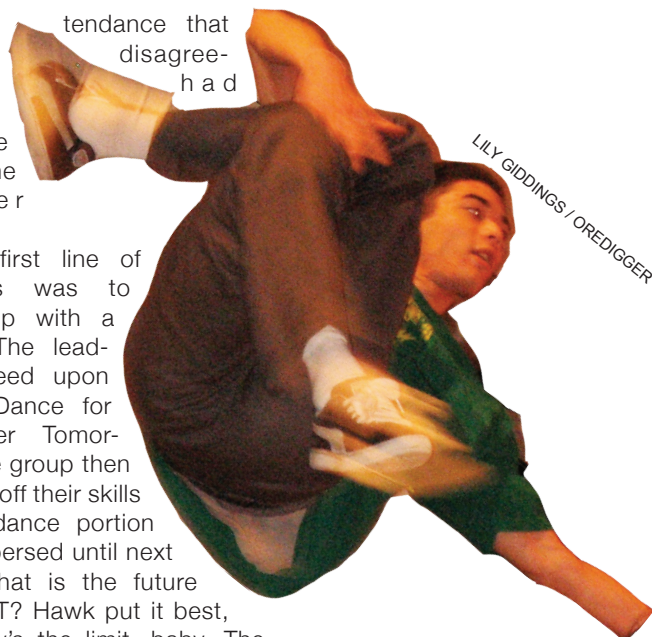
Over the summer, the real driving force of the cause was

discovered. A young and upcoming dancer, Gawkin Hawk, developed a hip hop move that is equivalent to seeing a human being fly. This caught a lot of the faction leader's eyes as they realized that this move could change the world...literally. Respected member of the hip hop community, DJ Nasty Pants, had this to say about the move, "If everyone saw this move, they would all be like, 'Dang, that's pretty sweet,' and realize, 'Hey! Maybe there is more to this world than fightin'.'"

With new hope from Hawk's new move, DJ Nasty Pants organized last week's meeting by pulling several favors and super-sweet moves. After Gawkin Hawk's move was unveiled to the crowd, it was obvious to all

in attendance that petty disagreements had to be set aside for the greater good.

The first line of business was to come up with a name. The leaders agreed upon DABT, Dance for A Better Tomorrow. The group then showed off their skills in the dance portion and dispersed until next year. What is the future for DABT? Hawk put it best, "The sky's the limit, baby. The sky's the limit."



Knock Your Boots Off! Beer Tasting and Chili Cook-Off

HISTORIC DOWNTOWN GOLDEN
OCTOBER 10, 2009
1:00 - 5:00 PM

BROUGHT TO YOU BY:

COORS DISTRIBUTING COMPANY
GOLDEN CHAMBER OF COMMERCE

ENTER YOUR CHILI!
Awards and Prizes:

1ST, 2ND, 3RD RED & GREEN CHILI
SEPARATE 'RESTAURANT' CATEGORY
'PEOPLE'S CHOICE' AND 'SHOWMANSHIP' AWARDS

TICKETS (TO TASTE CHILI AND OVER 60 BEERS !):

ADVANCE (DISCOUNT): \$15.00
DAY OF EVENT: \$ 20.00
KIDS 10 & UNDER FREE

CHILI ENTRY FORMS AND PURCHASE ADVANCE TICKETS AT THESE GOLDEN LOCATIONS:

GOLDEN CHAMBER OF COMMERCE AND VISITORS CENTER

GOLDEN SWEETS - AVENUE GIFTS - CREEKSIDE JEWELERS

FOSS BUILDING WINE & SPIRITS - LAW OFFICES OF ROBERT POTRYKUS

ALL EVENT INFORMATION AND CHILI RULES AND ENTRY FORMS AVAILABLE ON-LINE :

www.goldencochamber.org 303-279-3113

PROCEEDS TO BENEFIT GOLDEN CHAMBER OF COMMERCE COMMUNITY PROJECTS



Proudly Distributed by your Denver Coors Distributor